

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	39	(US-20060155206-\$ or US-20040186389-\$ or US-20040199083-\$ or US-20040186390-\$ or US-20040082871-\$ or US-20030167016-\$ or US-20030065275-\$ or US-20030065274-\$ or US-20030065273-\$ or US-20030028120-\$ or US-20030023182-\$ or US-20020183641-\$ or US-20020173728-\$).did. or (US-7060036-\$ or US-6899683-\$ or US-6955650-\$ or US-6899684-\$ or US-6581595-\$ or US-6645158-\$ or US-6572561-\$ or US-6575918-\$ or US-6517496-\$ or US-6478736-\$ or US-6475158-\$ or US-6468211-\$ or US-6402698-\$ or US-6468222-\$ or US-6174289-\$ or US-6200271-\$ or US-4619269-\$ or US-6042550-\$ or US-5363857-\$ or US-3799149-\$ or US-4368740-\$ or US-6325978-\$ or US-5645071-\$ or US-5503151-\$ or US-3725658-\$ or US-5038792-\$).did.	US-PGPUB; USPAT	OR	ON	2007/05/03 15:29
L2	16	((deviation OR reference OR compar\$5) SAME (quotient OR ratio)) AND 1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 18:19
L3	16	((quotient OR (exchange NEAR3 ratio)) SAME (nutrient OR calor\$3 OR metaboli\$4)) AND 1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 17:33
L4	3	((quotient OR (exchange NEAR3 (ratio OR pulmonar\$3 OR respir\$6 OR coefficient))) WITH (compar\$5 OR reference OR deviat\$6 OR chang\$3 OR difference)) SAME (nutrient OR calor\$3)) AND ((600/529-543) OR (73/23.3) OR ("128"/\$)).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 17:41

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L5	22	((quotient OR (exchange NEAR3 (ratio OR pulmonar\$3 OR respir\$6 OR coefficient))) SAME (nutrient OR calor\$3)) AND ((600/529-543) OR (73/23.3) OR ("128"/\$)).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 17:41
L6	24	(speed OR velocit\$3) aND 1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 18:25
L7	8	((("5,419,326") or ("5,503,151") or ("5,645,071") or ("5,647,370")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/03 18:25
L8	3	(speed OR velocit\$3) aND 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 18:29
L9	179	((((speed OR velocit\$3) NEAR5 (pulse OR sound OR ultrso\$5)) SAME (flow OR volume)) AND ((600/529-543) OR (73/23.3) OR ("128"/\$)).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 18:37
L10	63	((((speed OR velocit\$3) NEAR5 (pulse OR sound OR ultrso\$5)) SAME (flow OR volume)) AND (ultraso\$ NEAR5 (sensor\$3 OR transducer OR monitor\$3 OR sensing OR probe OR detect\$5 OR measur\$6)) AND ((600/529-543) OR (73/23.3) OR ("128"/\$)).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 18:39
L11	63	((((speed OR velocit\$3) NEAR5 (pulse OR sound OR ultrso\$5)) SAME (flow OR volume)) AND 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 18:39
S43	3	(oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) AND (carbon ADJ dioxide) AND ("RQ" OR quotient OR (exchange NEAR2 ratio)) AND S37	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/01 14:21

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S44	34	(US-20030028120-\$ or US-20030065273-\$ or US-20030167016-\$ or US-20040082871-\$ or US-20060155206-\$ or US-20020173728-\$ or US-20020183641-\$ or US-20030023182-\$ or US-20030065274-\$ or US-20030065275-\$ or US-20040186389-\$ or US-20040186390-\$ or US-20040199083-\$).did. or (US-6042550-\$ or US-3799149-\$ or US-4368740-\$ or US-4619269-\$ or US-6475158-\$ or US-6575918-\$ or US-6200271-\$ or US-6478736-\$ or US-6517496-\$ or US-6572561-\$ or US-6899683-\$ or US-6174289-\$ or US-6468211-\$ or US-6899684-\$ or US-6402698-\$ or US-5363857-\$ or US-6468222-\$ or US-6581595-\$ or US-6645158-\$ or US-7060036-\$ or US-6955650-\$).did.	US-PGPUB; USPAT	OR	ON	2007/05/01 11:05
S45	34	(US-20030028120-\$ or US-20030065273-\$ or US-20030167016-\$ or US-20040082871-\$ or US-20060155206-\$ or US-20020173728-\$ or US-20020183641-\$ or US-20030023182-\$ or US-20030065274-\$ or US-20030065275-\$ or US-20040186389-\$ or US-20040186390-\$ or US-20040199083-\$).did. or (US-6042550-\$ or US-3799149-\$ or US-4368740-\$ or US-4619269-\$ or US-6475158-\$ or US-6575918-\$ or US-6200271-\$ or US-6478736-\$ or US-6517496-\$ or US-6572561-\$ or US-6899683-\$ or US-6174289-\$ or US-6468211-\$ or US-6899684-\$ or US-6402698-\$ or US-5363857-\$ or US-6468222-\$ or US-6581595-\$ or US-6645158-\$ or US-7060036-\$ or US-6955650-\$).did.	US-PGPUB; USPAT	OR	ON	2007/05/01 13:27
S46	20	(oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) AND (carbon ADJ dioxide) AND ("RQ" OR quotient OR (exchange NEAR2 ratio)) AND ((quench OR ultraso\$ OR fluoresc\$) SAME (flow OR volume)) AND S45	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/01 14:29

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S47	20	((quench OR ultraso\$ OR fluoresc\$) SAME (flow OR volume)) AND S46	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/01 14:27
S48	36	(oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) AND (carbon ADJ2 dioxide) AND ("RQ" OR quotient OR (exchange NEAR2 ratio)) AND ((quench OR ultraso\$ OR fluoresc\$) SAME (flow OR volume)) AND ((73/23.3) OR (600/529-543) OR ("128"/\$)). ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/01 14:39
S49	16	S48 NOT S45	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/01 14:34
S50	16	((quench OR ultraso\$ OR fluoresc\$) SAME (flow OR volume)) AND S49	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/01 14:34
S51	216	((oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) OR (((carbon ADJ2 dioxide) NEAR5 (total OR produc\$5)) OR "VCO2") OR ("RQ" OR quotient OR (exchange NEAR2 ratio)) OR (cardiac ADJ2 output)) AND ((quench OR ultraso\$ OR fluoresc\$) SAME (flow OR volume)) AND ((73/23.3) OR (600/529-543) OR ("128"/\$)). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:56
S52	145	((oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) OR (((carbon ADJ2 dioxide) NEAR5 (total OR produc\$5)) OR "VCO2") OR ("RQ" OR quotient OR (exchange NEAR2 ratio)) OR (cardiac ADJ2 output)) AND (((quench NEAR5 oxygen) OR ultraso\$ OR fluoresc\$) SAME ((measur\$6 OR sensor\$3 OR sensing OR determin\$6 OR monitor\$3 OR detect\$5 OR transducer OR meter\$3) NEAR5 (flow OR volume))) AND ((73/23.3) OR (600/529-543) OR ("128"/\$)).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 14:51
S53	145	((quench NEAR5 oxygen) OR ultraso\$ OR fluoresc\$) SAME ((measur\$6 OR sensor\$3 OR sensing OR determin\$6 OR monitor\$3 OR detect\$5 OR transducer OR meter\$3) NEAR5 (flow OR volume))) AND S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 15:08

## EAST Search History

S54	2	("4,802,490").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 15:08
S55	71	S51 NOT S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 15:14
S56	71	((quench OR ultraso\$ OR fluoresc\$) SAME (flow OR volume)) AND S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 15:14
S57	216	((oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) OR (((carbon ADJ2 dioxide) NEAR5 (total OR produc\$5)) OR "VCO2") OR ("RQ" OR quotient OR (exchange NEAR2 ratio)) OR (cardiac ADJ2 output)) AND ((quench OR ultraso\$ OR fluoresc\$) SAME (flow OR volume)) AND ((73/23. 3) OR (600/529-543) OR ("128"/\$)). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:48
S58	145	((oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) OR (((carbon ADJ2 dioxide) NEAR5 (total OR produc\$5)) OR "VCO2") OR ("RQ" OR quotient OR (exchange NEAR2 ratio)) OR (cardiac ADJ2 output)) AND (((quench NEAR5 oxygen) OR ultraso\$ OR fluoresc\$) SAME ((measur\$6 OR sensor\$3 OR sensing OR determin\$6 OR monitor\$3 OR detect\$5 OR transducer OR meter\$3) NEAR5 (flow OR volume))) AND ((73/23.3) OR (600/529-543) OR ("128"/\$)).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:18
S59	71	S57 NOT S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:18

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S60	71	((quench OR ultraso\$ OR fluoresc\$) SAME (flow OR volume)) AND S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:18
S61	5	((oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) OR (((carbon ADJ2 dioxide) NEAR5 (total OR produc\$5)) OR "VCO2") OR ("RQ" OR quotient OR (exchange NEAR2 ratio)) OR (cardiac ADJ2 output)) AND ((lumines\$) SAME (flow OR volume)) AND ((73/23.3) OR (600/529-543) OR ("128"/\$)).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:41
S62	5	((lumines\$) SAME (flow OR volume)) AND S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:42
S63	11	("3,612,866") or ("4,861,727") or ("5,094,959") or ("5,190,729") or ("5,462,880") or ("5,728,422")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:43
S64	22	((oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) OR (((carbon ADJ2 dioxide) NEAR5 (total OR produc\$5)) OR "VCO2") OR ("RQ" OR quotient OR (exchange NEAR2 ratio)) OR (cardiac ADJ2 output)) AND ((lumines\$ OR fluoresc\$) WITH quench WITH (oxygen OR gas)) AND ((73/23.3) OR (600/529-543) OR ("128"/\$)).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:50
S65	24	((oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) OR (((carbon ADJ2 dioxide) NEAR5 (total OR produc\$5)) OR "VCO2") OR ("RQ" OR quotient OR (exchange NEAR2 ratio)) OR (cardiac ADJ2 output)) AND (((lumines\$ OR fluoresc\$) WITH quench) SAME (oxygen OR gas)) AND ((73/23.3) OR (600/529-543) OR ("128"/\$)).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:53

## EAST Search History

S66	24	((((lumines\$ OR fluoresc\$) WITH quench) SAME (oxygen OR gas)) AND S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:51
S67	26	((((lumines\$ OR fluoresc\$) WITH quench) SAME (oxygen OR gas)) AND ((73/23.3) OR (600/529-543)).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:54
S68	96	((oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) OR (((carbon ADJ2 dioxide) NEAR5 (total OR produc\$5)) OR "VCO2") OR ("RQ" OR quotient OR (exchange NEAR2 ratio)) OR (cardiac ADJ2 output)) AND ((ultraso\$) SAME (flow OR volume)) AND (inhal\$6 OR inspir\$6 OR (breath\$3 ADJ2 out)) AND (expir\$6 OR exhal\$6 OR (breath\$3 ADJ2 in)) AND ((73/23.3) OR (600/529-543) OR ("128"/\$)).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 10:59
S69	96	((ultraso\$) SAME (flow OR volume)) AND S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 09:03
S70	4	(US-3799149-\$ or US-5645071-\$ or US-3725658-\$ or US-5038792-\$).did.	USPAT	OR	ON	2007/05/02 10:58
S71	1	(oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) AND ((carbon ADJ2 dioxide) OR "VCO2") AND ("RQ" OR quotient OR (exchange NEAR2 ratio) OR (cardiac ADJ2 output)) AND S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 11:01
S72	4	((oxygen NEAR5 (expend\$6 OR consum\$6 OR uptake)) OR ((carbon ADJ2 dioxide) OR "VCO2")OR ("RQ" OR quotient OR (exchange NEAR2 ratio) OR (cardiac ADJ2 output))) AND S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 11:01
S75	1	(US-3799149-\$).did.	USPAT	OR	ON	2007/05/02 18:32
S76	1	(quotient) AND S75	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 18:32

## EAST Search History

S77	0	ultraso\$ AND (inhal\$6 OR inspir\$6) AND (exhal\$6 OR expir\$6) AND "5614071".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 18:41
S79	1	ultraso\$ AND (inhal\$6 OR inspir\$6) AND (exhal\$6 OR expir\$6) AND "5645071".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 18:43
S80	1	ultraso\$ AND (inhal\$6 OR inspir\$6) AND (exhal\$6 OR expir\$6) AND ("5645071" OR "5503151").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 19:08
S81	2	(ultraso\$ SAME (volume OR flow)) AND ("5645071" OR "5503151").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 19:09